

Mainline 6B 2012 Maintenance and Rehabilitation & Line 6B Replacement Projects
IDEM Water Quality Certification Independent Environmental Monitor Weekly Observation Report

Observation Dates:	11/24/13 thru 11/30/13
IEM Name:	Glen Chandler
Wetland Identification Number(s):	w-489-y, w-490-b, w-491-a, w-493-c w-494-c, w-495-a, w-496-c, w-497-b, w-516-a, w-516-b w-517-e
Waterbody Identification Number(s):	S-495-a, s-500-a
Enbridge Land Tract Identification Number(s):	n-616-2 ^a -39, n-622-10A-1, n-627-a1, n-623-1, n-624-2, n-625-6, n-626-2B-4, n-627-3, n-628-4, n-628-51-1, n-629-2e, n-630-4a, n-631-7f, n-633-2, n-646-6B, n-647-1, n-647-3, n-648-3A.
County(s): St. Joseph, LaPorte, Porter	St. Joseph, Porter, LaPorte
<p>11/25/13: Frozen conditions were observed during the IEM's inspection of ROW. Contractor weekly safety meeting was attended. HDD at w-517-e, Sta.# 2768+00, Tract n-647-3 proceeds with no problems and good returns using the 48" ream. W-516-b, Sta.#2737, Tract n-647-1 off Emery rd. observed crews prep for crossing installing dewatering pits. Temporary winterization complete off Wozniak rd. Sta.# 1830+35. S-495-a, 1626+91, Tract n-628-4 crossing was in compliance off Division rd. County Line rd. crossover at Sta.# 1585+15, Tract n-628-5a-1 relocated dewatering filter bags into a straw bale structure across rd. Work areas observed on ROW were in compliance. 11/26/13: N. 200E. rd. dewatering and sheet piling was observed at w-489-y, Sta.#1263+60, Tract n-622-10A-1. County line rd. dewatering structure was functioning correctly for cross-over work at Sta.#1585+12, Tract n-625-51-1. Division rd. S-495-a, Sta.#1626+91, Tract n-628-4 was successfully crossed. Work in w-495-a continues and is in compliance. w-497-c, Sta.#1720+40, Tract n-630-5A off Holmesville rd. was clean, put back together, and wetland was protected. W-500a and s-500-a, Sta.#1898+09, Tract n-633-2 was crossed successfully and wetland tie-in was observed to be in compliance. 11/27/13: Calumet rd. bore Sta.#1225+25 was observed and ECD's were functioning correctly. W-489-y, Sta.#1263+60, Tract n-622-10A-1 off N. 200 E. rd. sheet pile install was observed to be in compliance. The HDD of w-490-a, Sta.#1358+11, Tract n-623-5D, had good returns during the final swab of the 48" ream. The N.400 E. rd bore tie-in at w-491-a, Sta.#1392+93, Tract n-624-4a progressed in compliance with buoyancy control and foam trench breakers. The Cross-over of County Line rd. Sta.#1585+12, Tract n-628-5A-1 continues and dewatering into designated structure was functioning correctly. N. 650 E. w-500-a, Sta.#1898+09, Tract-n-633-2 tie-in progress continues with dewatering and soil segregation within compliance. 11/28/13: Crews did not work Thanksgiving day. 11/29/13: W-489-y, Sta.#1263+60, Tract n-622-10A-1 off N. 200 E. rd. sheet pile install dewatered within compliance. The N.400 E. rd bore tie-in at w-491-a, Sta.#1392+93, Tract n-624-4a was completed and environmental crews were reinstalling ECD's correctly. The Cross-over of County Line rd. Sta.#1585+12, Tract n-628-5A-1 completed on East side and dewatering into designated structure was still functioning correctly. Division rd. S-495-a, Sta.#1626+91, Tract n-628-4 wetland was successfully backfilled. S-496-d Sta.# 1666+82, Tract n-629-2B was found to be in compliance during inspection of crossing preparation work. HDD tie-in work was observed at West side of w-496-c, Sta.# 1647+40, Tract n-629-2e. At Sta.#1715+42, Tract n-630-6 East road bore tie-in off Holmesville rd. was in progress and in compliance. HDD of w-517-e, Sta.#2765+87, Tract n-647-3 ream was stuck. W-516-b, Sta.#2735+10, Tract-n645+5a tie-in progress continued with dewatering in structure functioning correctly. 11/30/13: The HDD at w-517-e, Sta.#2765+87, Tract n-647-3 crews worked on un jamming the 48" ream by coming in exit side with a 30" ream. W-516-b, Sta.#2737, Tract n-647-1 off Emery rd. had trench breakers installed at tie-in area was in compliance. w-516-a, Sta.#2705+52, Tract n-648-3A began open cut. Spoil pile containment was observed area was in compliance. w-496-b, Sta.#1668+69, Tract n-629-2b off Otis rd. open trench cut began and ECD's were functional. W-492-a, Sta.#1429+59, Tract n-625-4 off E. Greening rd. sheet pile began in preparation for an open cut crossing. HDD of w-490-b, Sta.#1358+11, Tract n-623-5D, pull through from West side had a hang-up. Crews there set up a hammer and were going to drive the section through. Pipe work sections within IDEM monitored areas were found to be in compliance.</p>	



N. Emery rd. bore tie-in at Sta.#2743+05 looking East.



Temporary Winterization off Wozniak rd. looking East.



County Line rd. cross-over dewatering structure, looking West



W-497-c clean and put back together, looking East.



N. 400 E. crossing tie-in and Buoyancy control looking West.



Above w-500-a tie-in during flurry conditions looking East.



County Line rd. cross-over in progress, looking East



Tie-in crews working off E. Emery rd in w-516-b, looking West



W-491-c clean-up and ECD install off N.400 E. rd. looking West



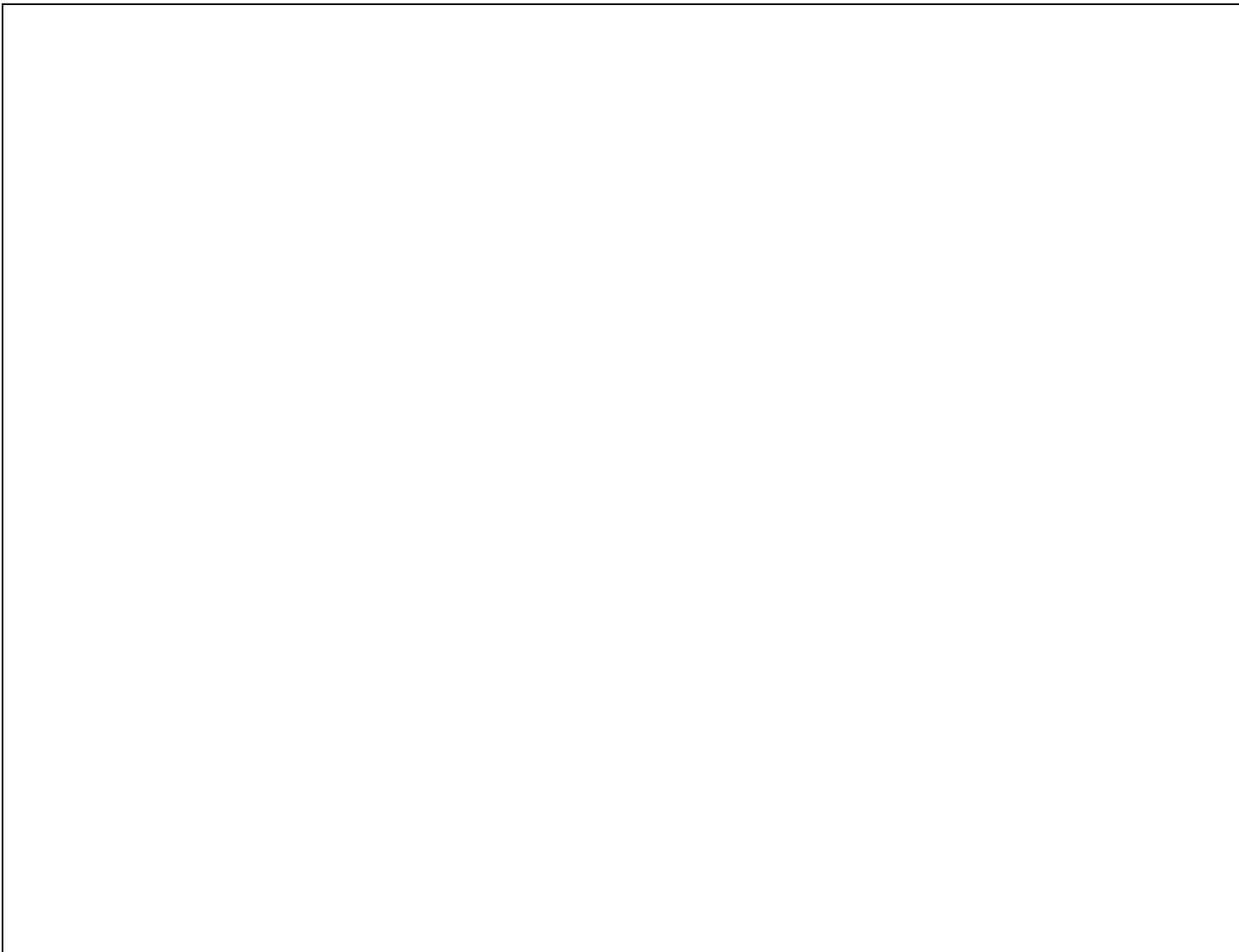
w-495-b open trench cut and spoil relayed, looking East



W-492-a begins sheet pile, looking West.



W-516-c trench breakers at tie-in, looking East.



Figure